

REPLACEMENT SHEET

5'- GGCGGUCA CACC U  
                  CCGCUGA GUGG C  
                  A          G

16S A Site rRNA  
(SEQ ID NO. 1)

5'- GGCGGUCACACC U U  
                  CCGCAGUGUGG C  
                  A          G

Control RNA  
(SEQ ID NO. 2)

Figure 1. Sequence and structure of 27mer RNA target

## REPLACEMENT SHEET

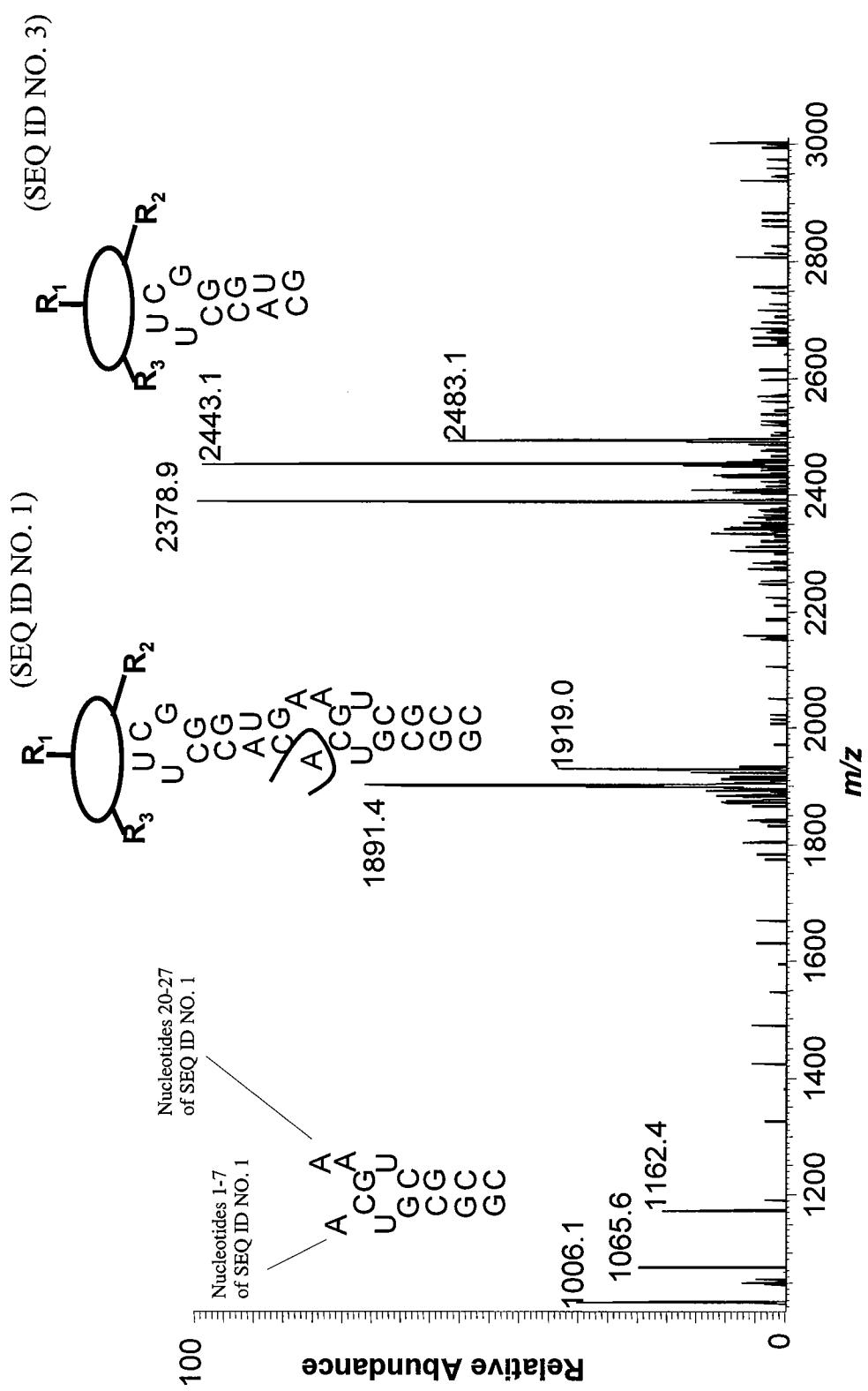


Figure 4. MS-MS analysis of member bound to RNA/DNA chimera

## REPLACEMENT SHEET

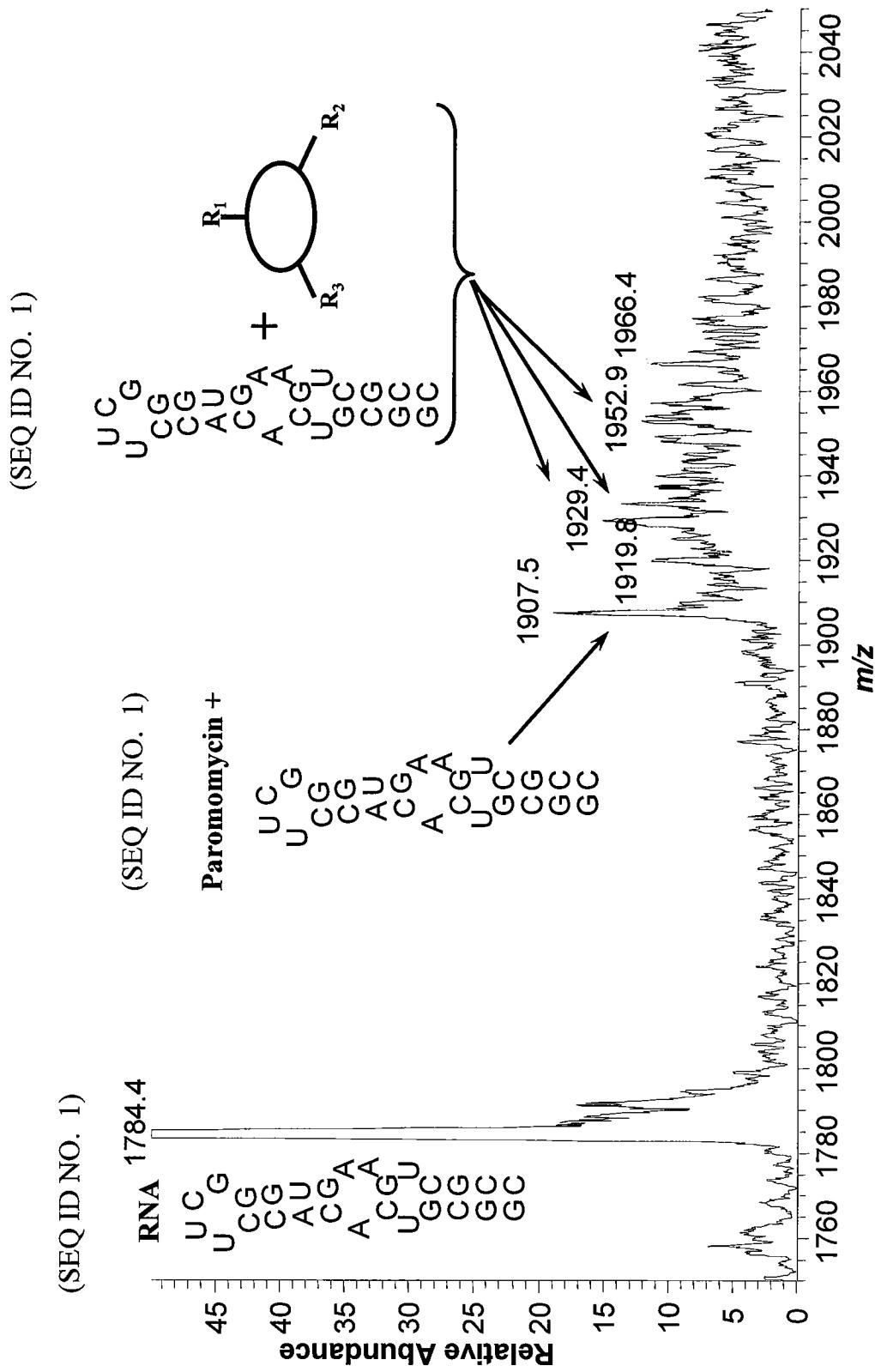


Figure 5. ESI-MS of RNA/DNA chimera bound to paromomycin and library

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(SEQ ID NO. 1)

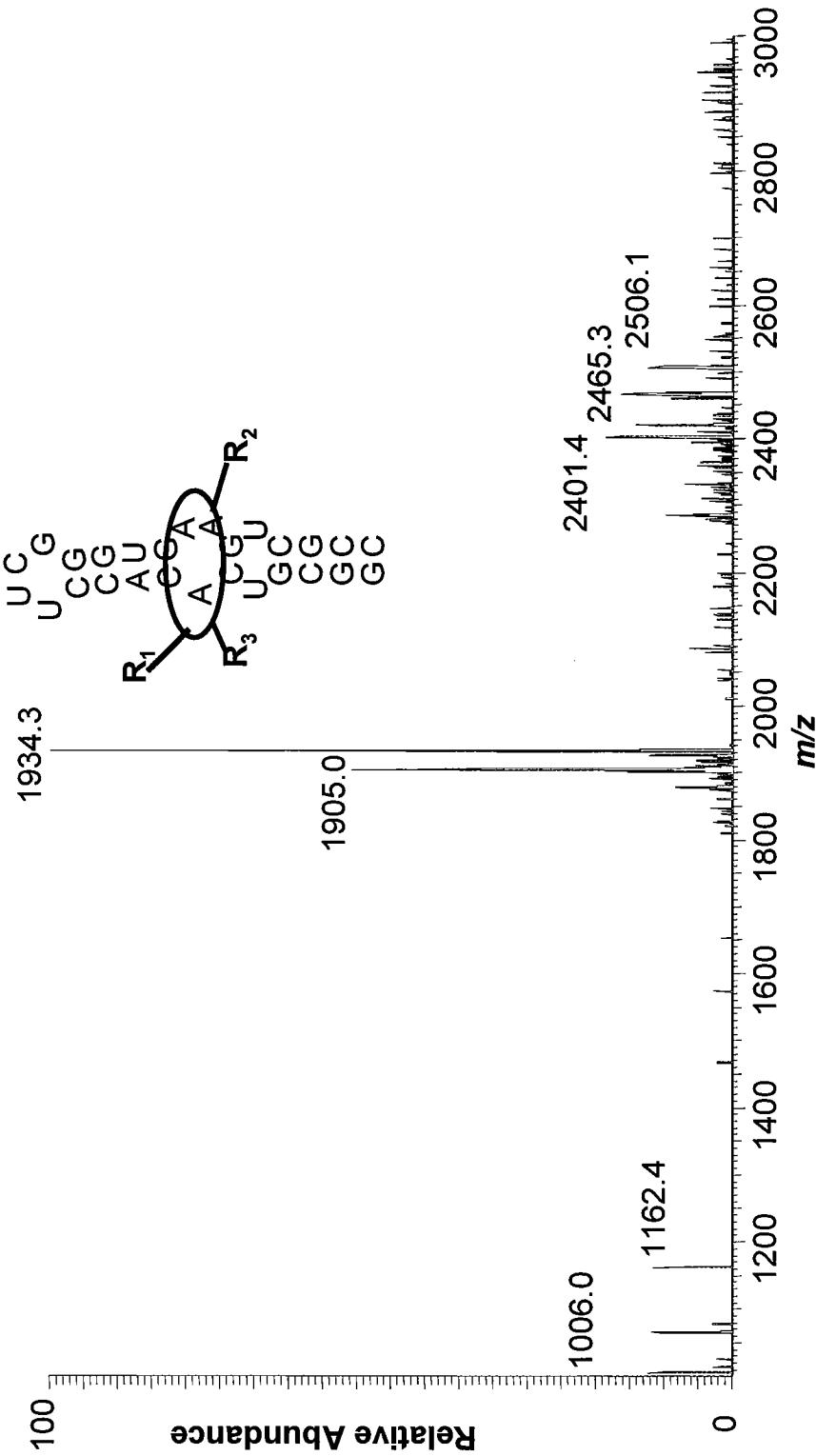


Figure 7. MS-MS analysis of member bound to RNA/DNA chimera at the A-Site

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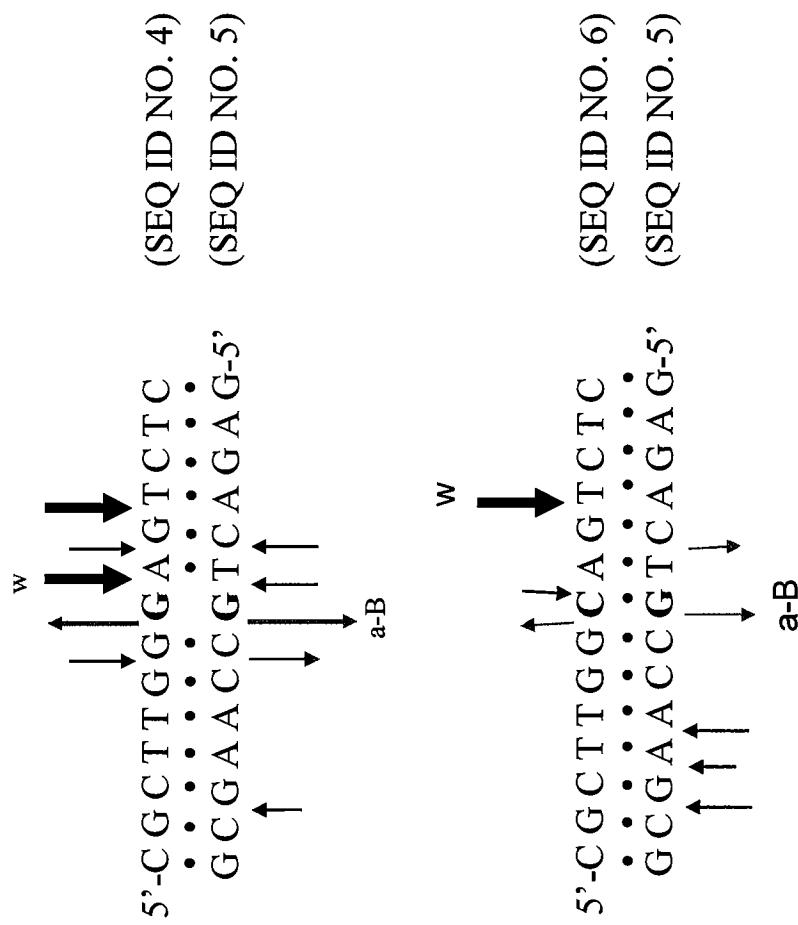
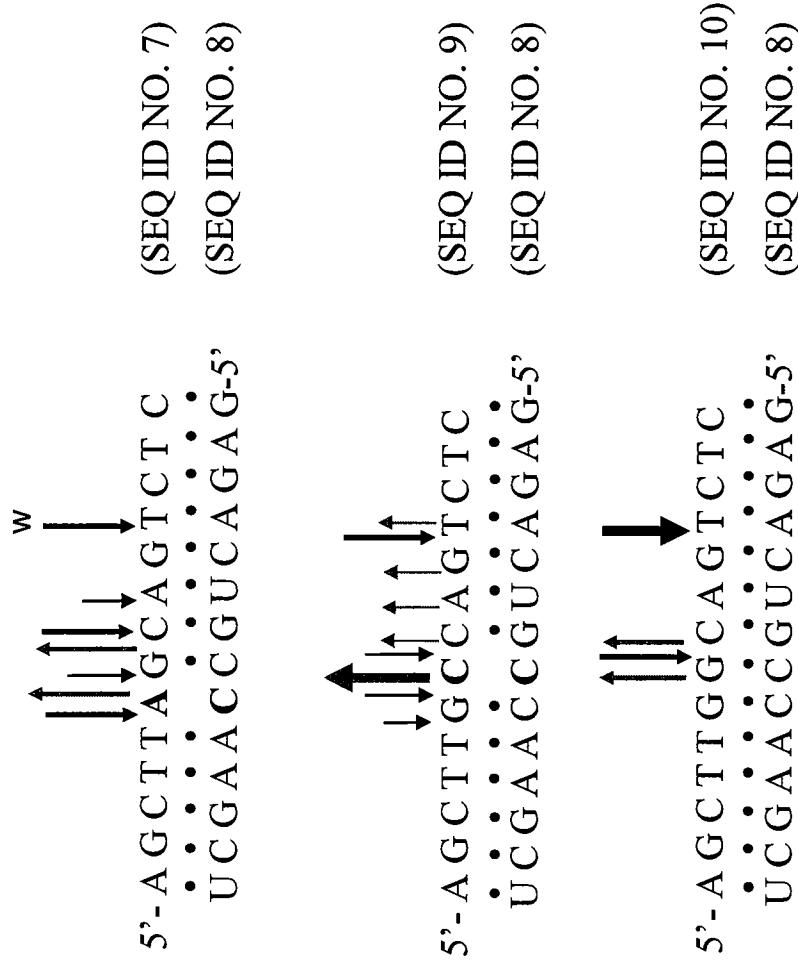


Figure 8. MS Fragmentation of DNA:DNA duplexes

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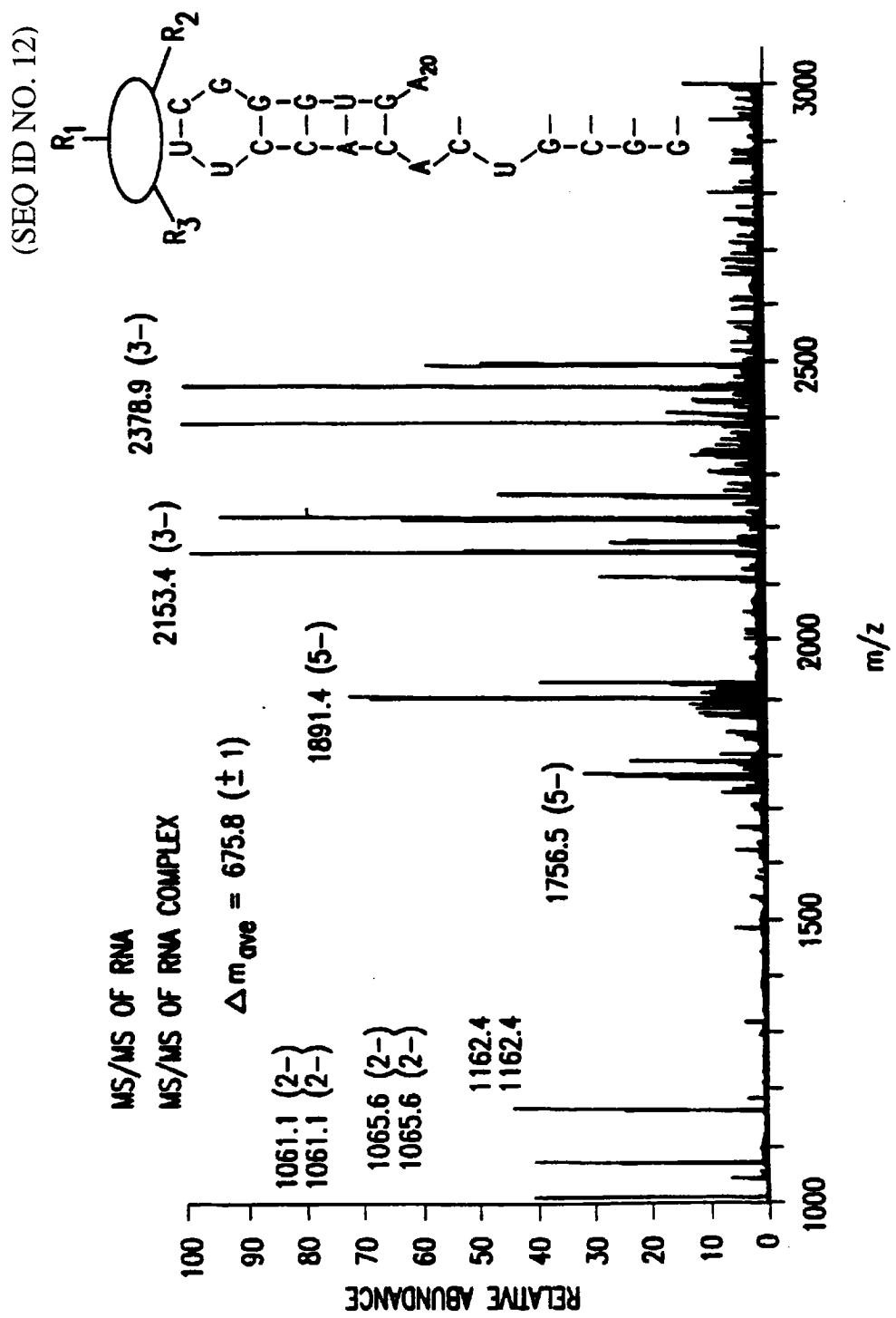


Figure 10

# REPLACEMENT SHEET

(SEQ ID NO. 1)

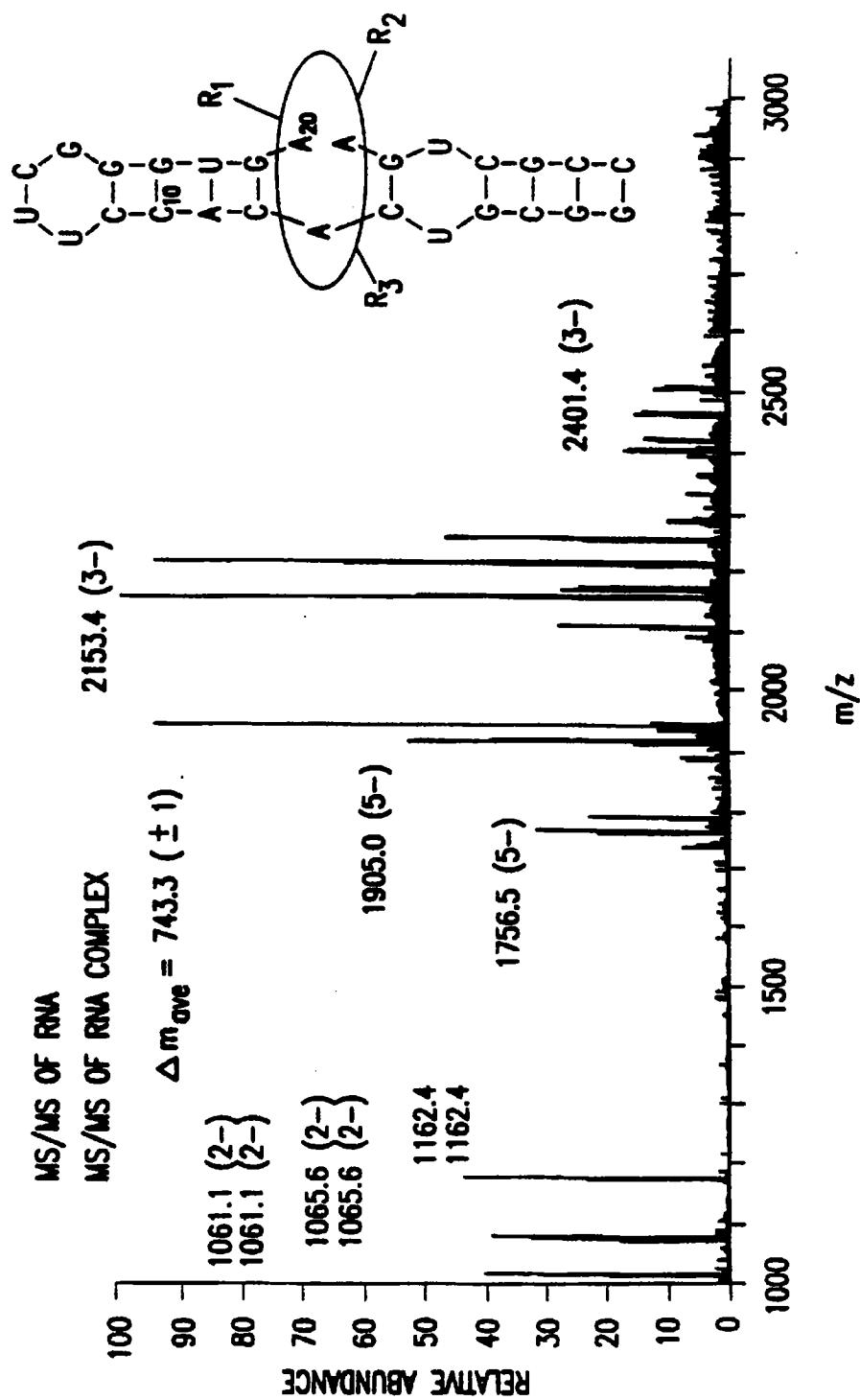


Figure 11

**MASS analysis of 16S A site RNA plus  
216 member library  
(performed on quadrupole ion trap)**

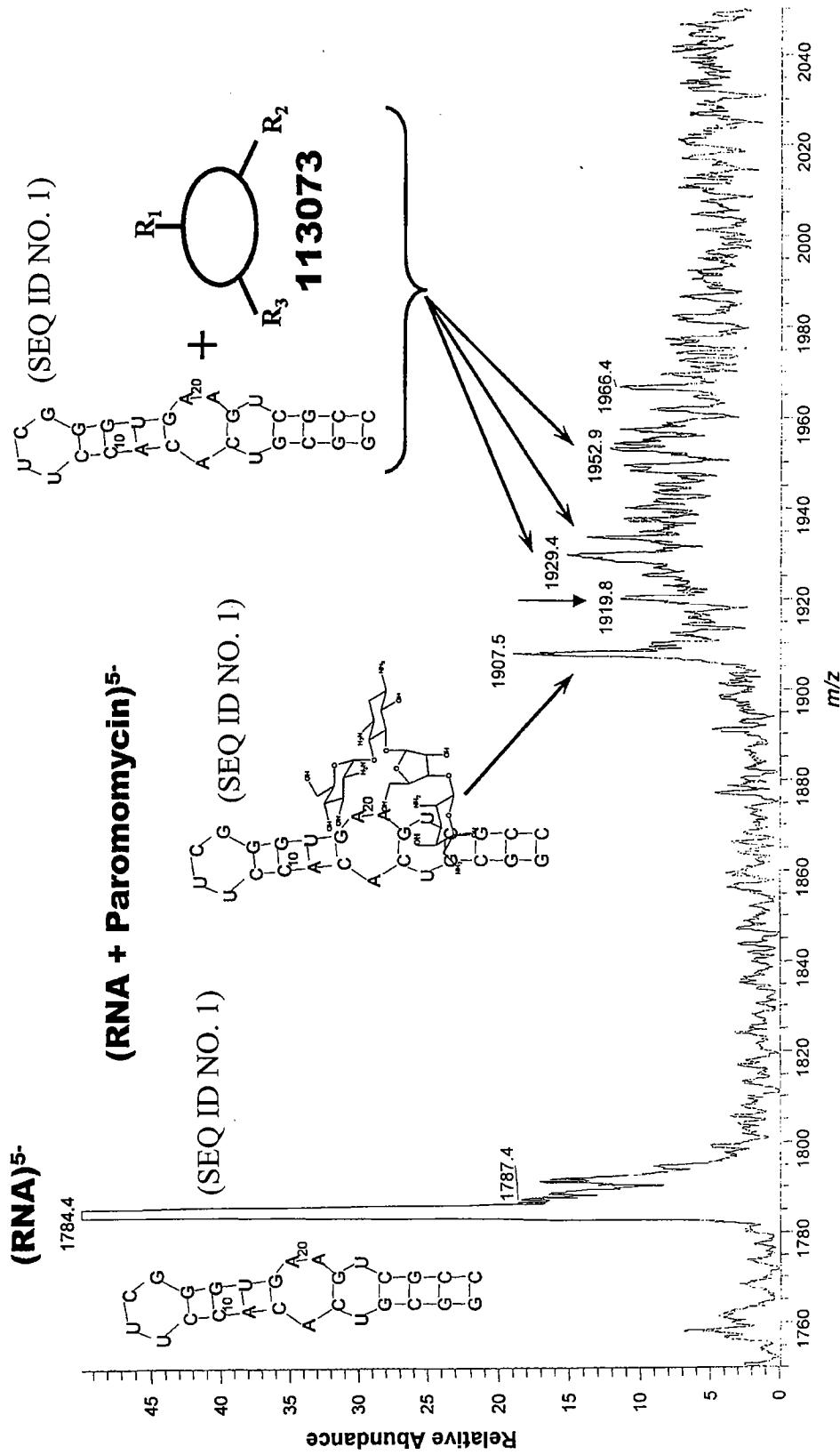


Figure 12

## REPLACEMENT SHEET

(SEQ ID NO. 11)  
(SEQ ID NO. 1)  
(SEQ ID NO. 1)

$$\Delta \text{ MW} = 15.011 \text{ Da}$$

Figure 24. Eukaryotic and Prokaryotic A-Sites

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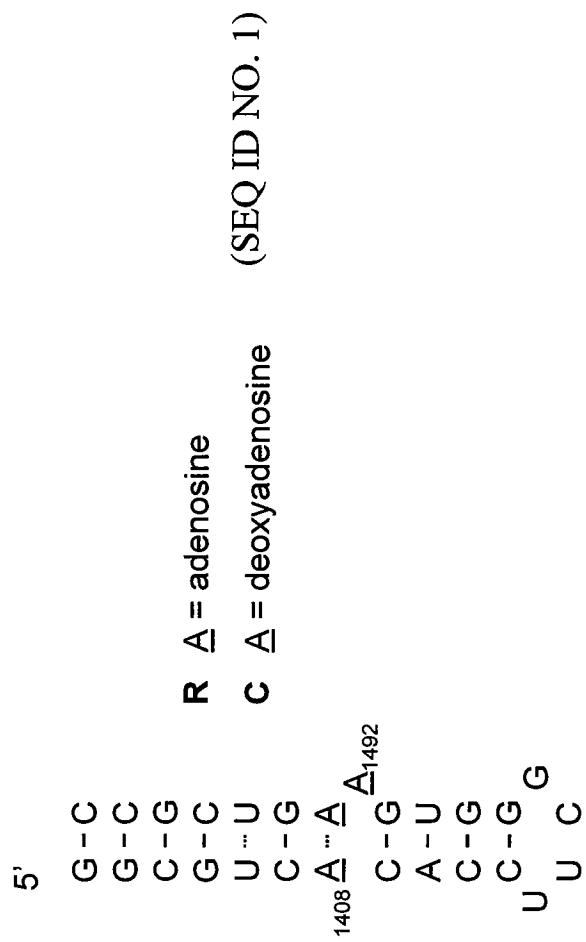


Figure 27